

PROFORMA P.W.G -45 WORK SLIP-1

NAME & WORK: Providing Pathway, children play equipments and other development works in park at Doddabommasandra Lake in ward no. 10

Estimate Cost: 2,50,00,000.00

Amount Put to tender : Rs.2,29,17,354.00

Agreement Cost : Rs.2,29,17,354.29 (excluding GST)

Item No	Description of Item	Unit	As per Tender			Anticipated /Actual	Up to 125%			Beyond 125%			Savings	Excess	Total Amount
			Quantity	Rate	Amount		Quantity	Rate	Amount	Quantity	Rate	Amount			
1	Earth work excavation for foundation of structures by mechanical means as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom, backfilling the excavation earth to the extent required and utilising / transporting the remaining earth locally upto 1.00km lead. (Depth upto 3.00 Mts) - in Ordinary/Hard soil. with all lead and lift as directed by engineer-in-charge of work	Cum	419.43	57.85	24263.37	790.55	524.29	57.85	30329.21	266.26	57.85	15402.87	0.00	21468.71	45732.08
2	Earth work for lowering and levelling the ground other than foundation works by mechanical means upto 3.00 depth, including providing shoring strutting and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom, filling back the excavated earth to the extent required & utilising/transporting the remaining earth upto 1.00 km lead. Including the cost of labour & HOM as per drawing and technical specification. with all lead and lift as directed by engineer-in-charge of work	Cum	199.80	67.86	13558.56	606.12	249.75	67.86	16948.20	356.37	67.86	24183.51	0.00	27573.15	41131.71
3	Providing and Filling in foundation with granite/trap broken metal 100 mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications with all lead and lift as directed by engineer-in-charge of work	Cum	50.63	2702.19	136811.86	81.50	63.29	2702.19	171014.83	18.21	2702.19	49213.63	0.00	83416.59	220228.45
4	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. with all lead and lift as directed by engineer-in-charge of work	Cum	75.48	5112.91	385922.61	110.85	94.35	5112.91	482403.26	16.50	5112.91	84363.05	0.00	180843.70	566766.31

5	Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregates @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reaffirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedestals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillers, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. with all lead and lift as directed by engineer-in-charge of work	Cum	18.72	6465.68	121037.45	173.43	23.40	6465.68	151296.81	150.03	6465.68	970045.32	0.00	1000304.68	1121342.13
6	Providing T.M.T. steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, lying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and Paid) cost of materials, labour, HOM of machinery complete as per specifications. with all lead and lift as directed by engineer-in-charge of work	Tonne	1.59	79561.63	126502.99	12.79	1.99	79561.63	158128.74	10.80	79561.63	859464.50	0.00	891090.25	1017593.24
7	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. with all lead and lift as directed by engineer-in-charge of work	Sqm	42.00	398.26	16727.10	506.16	52.50	398.26	20908.87	453.66	398.26	180676.56	0.00	184858.34	201585.44
8	Filling available excavated earth (excluding rock) in sides of foundations and profile correction in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with a lead up to 50 m. and lift up to 1.5 m. including cost of all labour complete as per specifications with all lead and lift as directed by engineer-in-charge of work	Cum	301.27	223.61	67365.92	2233.76	376.59	223.61	84207.40	1857.17	223.61	415275.79	0.00	432117.27	499483.19
9	Providing and finishing external walls in one coat with waterproof cement paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered materials, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. with all lead and lift as directed by engineer-in-charge of work	Sqm	157.07	56.74	8911.52	260.73	196.34	56.74	11139.40	64.39	56.74	3653.63	0.00	5881.51	14793.03

10	Providing and laying plat form using prepolished, water cut / gang saw 40mm thick telephonic Black Granite, laid on existing vertical supports and fixing in CM 1:3 proportion. Including cutting to required shape, pattern with paper joints, including full rounding for nosing, finished with cement mortar, pointed with colour pigments to match the colour of slab making through jointing with sealant, making holes 25mm x 12mm grooves in joints including curing, with all lead and lift as directed by engineer-in-charge of work	Sqm	231.03	3921.46	905974.15	350.61	288.79	3921.46	1132467.69	61.82	3921.46	242434.46	0.00	468928.00	1374902.15
11	Providing and laying flooring for corridors/lobbies using combination of pre polished 19 mm thick water cut/gang saw Grey Granite, Black Granite, and strips of 50mm wide pre flamed grey granite using pre polished grey granite 19mm thick 76%, Pre polished black granite 19mm thick @ 2% and preflamed 19mm thick grey granite @22% over existing cement concrete bed in CM 1:4 average 20mm thick pointed with white cement/colour pigment etc., complete. with all lead and lift as directed by engineer-in-charge of work	Sqm	135.12	2516.41	340016.93	188.18	168.90	2516.41	425021.17	19.28	2516.41	48516.33	0.00	133520.56	473537.50
12	Providing and fixing 6mm clear / opal white / solar / bronze / blue / green tinted multi wall poly carbonate sheet for tubular structure. The work including cost of all materials, labour charges and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lifts, transportation, loading and unloading and all other incidental charges etc. complete as per specification with all lead and lift as directed by engineer-in-charge of work	Sqm	264.00	3477.58	918081.44	301.69	301.69	3477.58	1049151.48	0.00	0.00	0.00	0.00	131070.04	1049151.48
13	Providing and fixing new Mangalore tile on existing repeers including cost of materials, labour, complete as per specifications. with all lead and lift as directed by engineer-in-charge of work	Sqm	200.74	452.78	90890.11	200.75	200.75	452.78	90894.64	0.00	0.00	0.00	0.00	4.53	90894.64
14	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. with all lead and lift as directed by engineer-in-charge of work	Sqm	28.80	105.68	3043.72	503.16	36.00	105.68	3804.65	467.16	105.68	49369.47	0.00	50130.40	53174.12
15	Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & testing of joints complete, 50mm nominal OD pipes with all lead and lift as directed by engineer-in-charge of work	Mtr	2200.00	480.59	1057291.49	2814.00	2750.00	480.59	1321614.36	64.00	480.59	30757.57	0.00	295080.44	1352371.93

16	Providing and fixing pre cast solid cement concrete kerb slabs made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete. with all lead and lift as directed by engineer-in-charge of work	Nos	570.00	453.89	258716.02	954.00	712.50	453.89	323395.03	241.50	453.89	109614.44	0.00	174293.44	433009.46
GRAND TOTAL					4475115.25				5472725.73				0.00	4080581.61	8555696.86
Sanctioned Estimate Amount					25000000.00										
Amount Put to Tender without GST Charges					130492413.02										
Total Amount Actually Executed and to be Executed					8555696.86										
Excess quantity amount					4080581.61										
Total Work Slip Amount					4080581.61										
Percentage of Work Slip over Amount put to Tender					3.13%										
Total excess amount =Rs														4080581.61	8555696.86
Total Savings amount =Rs														0.00	0.00
Net Savings (Excess-Savings) amount =Rs														-4080581.61	-4080581.61
% of Excess over estimate cost															16.32

Amount Put to Tender without GST Charges
Total Amount Actually Executed and to be Executed
Excess quantity amount

Total Work Slip Amount

Percentage of Work Slip over Amount put to Tender

Consultant
(M/s B U Tech Consulting Engineers)
B. N. Lakshmi
Assistant Engineer
Lakes, BBMP

Contractor
Mahesh K N
Assistant Executive Engineer
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(ಕೆರೆಗಳು), ಬಿ.ಬಿ.ಎಂ.ಪಿ.

Executive Engineer
Lakes, BBMP

Chief Engineer
Lakes, BBMP

Workslip Amount for Rs. 40,80,581.61 is Approved

R. Egnath
Chief Engineer
Lakes BBMP